

## Product datasheet for **MG221083**

### Lcor (NM\_172154) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Lcor (NM_172154) Mouse Tagged ORF Clone                                     |
| Tag:                      | TurboGFP  |
| Symbol:                   | Lcor  |
| Synonyms:                 | 3110023F06Rik; A630025C20Rik; mKIAA1795; Mlr2                               |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-AC-GFP (PS100010)   |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| ORF Nucleotide Sequence:  | >MG221083 representing NM_172154<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGCGAATGATCCAACAATTTGCTGCTGAATATACCTCAAAAAGCTCTACTCAGGACCCAGCC  
AGCCCAATAGCACAAAGAACCAAGCCTGCCGAAAGCATCTCCAGTCACCACCTCTCCACGGCTGCAAC  
TACTCAGAACCCCGTCTCAGCAAAGCTCATGGCTGACCAAGACTCACCTCTGGACCTTACTGTCAGA  
AAGTCTCAGTCAGAACCTAGTGAACAAGACGGTGTACTTGACTTATCTACTAAGAAAAGTCCATGTGCTA  
GCAGCACTTCCCTGAGCCATTCTCCAGGCTGCTCCAGTACTCAAGGGAACGGGCGACCTGGGAGACCCAG  
CCAGTACCGCCAGATGGACTTCGGAGTGGTATGGGGTACCTCCAAGAAGCTTACAGGATGGAACCCAGG  
GAAGGCTTTGGACTCCACATCACTCAAAGTTCCACTGGCTCGATCTCTGCAGATTAGTGAAGAACTAC  
TGAGCAGAAACCAATTGTCCACGGCTGCCAGCCTTGGTCCGTCTGGATTACAGAATCACGGACAGCACTT  
AATCTTATCCAGGGAAGCCTCTTGGGCAAAACCTCACTATGAATTCAGCCTCAGCCGAATGAAGTTCAGG  
GGAAATGGTGCCTCAGCAACATTAGTGACCTTCTTTCTCGCAGAAAAGCTCTGCCTTCCCAAAAATGG  
CACATCAAAACAAAACAAGATGGAAAAAGGGACATGAGCCATTATCTCTGTAGATTTAAAGATACCACA  
AGTTCGAGGAATGGATCTTTCTTGGGAGTCTCGCACTGGTATCAGTACAGCTATAGCTCTTTGGTAATG  
GGTTCACAAACGGAGAGCGCCTTAGTAAAAAATTAAGGGCTATTCTTCCAAAACAAAATAGAAAAAGCA  
TGTTAGATGCTGGACCTGATTCTTGGGGCTCAGATGCTGAGCAGTCTACCTCTGGACAGCCATATCCCAC  
ATCGGATCAAGAAGGAGACCCCTGGCTCCAAGCAGCCGCGAAGAAAAGAGGGCGTTACAGACAGTACAAC  
AGTGAGATACTGGAGGAAGCCATCTCGGTGTTATGAGTGGAAAAATGAGTGTTCCAAAGCTCAGAGTA  
TTTATGGGATTCCCACAGTACTGGAGTACAAAGTAAAGGAGAGGCTGGGCACCTTTGAAAAACCTCC  
AAAGAAAAGATGAAATTAATGAGGTCGGAGGGGCCAGATGTTTCTGTAAGATTGAATTAGATCCCAG  
GGAGAGGCAGCACAAAGTCAAATGAATCAAAAAGCTGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online >](#)

**Protein Sequence:** >MG221083 representing NM\_172154  
 Red=Cloning site Green=Tags(s)

MQRMIQQFAAEYTSKTSSTQDPSQPNSTKNQSLPKASPVTTSPATAATTQNPVLSKLLMADQDPLDLTVR  
 KSQSEPSEQDGVLDLSTKKSPCASSTLSHSPGCSSTQGNRPGRPSQYRPDGLRSGDGVPPRSLQDGTR  
 EGFHSTSLKVPLARSLQISEELLSRNQLSTAASLGPSTLQNHGQHLILSREASWAKPHYEFSLSRMKFR  
 GNGALSNIIDLFLAENSAPFKMAHQTKQDGKRDMSHSSPVDLKIPQVRGMDLSWESRTGDQYSYSSLVM  
 GSQTESALSKLRAILPKQNRKSMLDAGPDSWGSDAEQSTSGQPYPTSDQEGDPGSKQPRKKRGRYRQYN  
 SEILEEATSVVMGKMSVSKAQSIYGIHPHSTLEYKVKERLGTLNPPKKMKLMRSEGPDVSVKIELDPQ  
 GEAAQSANESKTE

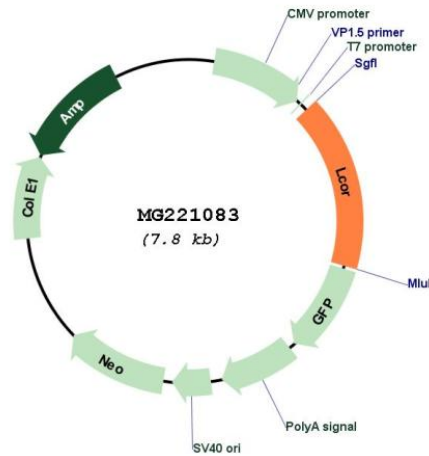
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_172154

|                               |   |
|-------------------------------|---|
| <b>ORF Size:</b>              | 1299 bp   |
| <b>OTI Disclaimer:</b>        | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_172154.4</a> , <a href="#">NP_742166.1</a>   |
| <b>RefSeq Size:</b>           | 4663 bp   |
| <b>RefSeq ORF:</b>            | 1302 bp   |
| <b>Locus ID:</b>              | 212391  |
| <b>UniProt ID:</b>            | <a href="#">Q6ZPI3</a>  |
| <b>Cytogenetics:</b>          | 19 C3   |
| <b>Gene Summary:</b>          | Repressor of ligand-dependent transcription activation by various nuclear repressors. Repressor of ligand-dependent transcription activation by ESR1, ESR2, NR3C1, PGR, RARA, RARB, RARG, RXRA and VDR (By similarity). May act as transcription activator that binds DNA elements with the sequence 5'-CCCTATCGATCGATCTCTACCT-3'. [UniProtKB/Swiss-Prot Function]  |